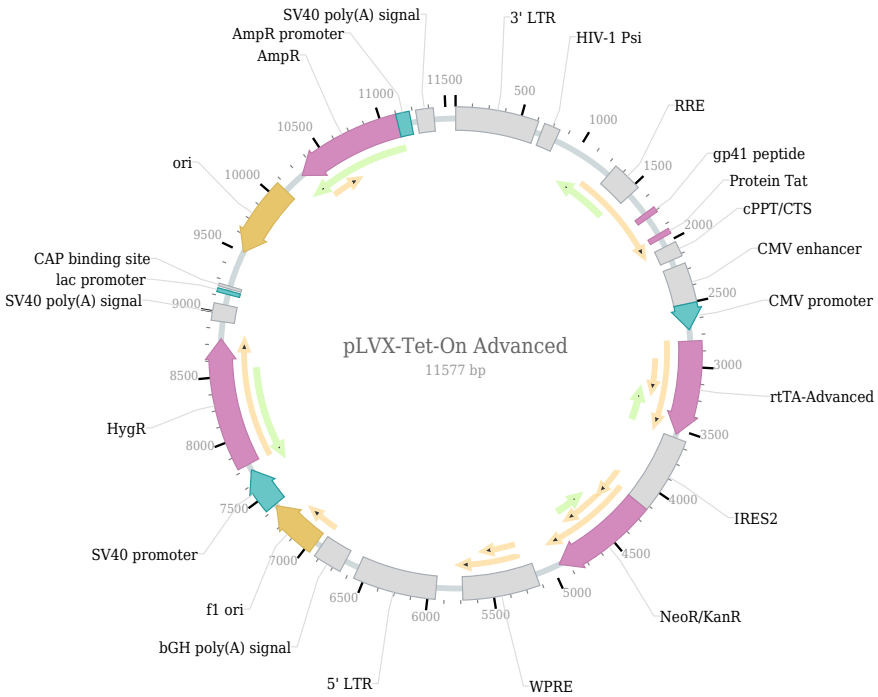
pLVX-Tet-On Advanced

Vector ID	V010421
Antibiotic Resistance	Ampicillin
Length	11577 bp
Vector Type	Viral Expression & Packaging Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	SV40
Comment	pLVX-Tet-On Advanced is a Lenti-X lentiviral regulator vector expressing rtTA-Advanced, a human-codon-optimized reverse tetracycline transactivator (TetR fused to three minimal VP16 activation domains), from the CMV promoter with IRES2-linked neomycin (G418) resistance and WPRE. Pair with TRE-based response vectors for tight Dox-inducible expression; AmpR.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.